

REMARKS/ARGUMENTS

The specification and abstract have been amended in the interest of better readability.

Claim 1 has been amended to clarify the term “voltage clamping.” It is believed that voltage clamping is clear from the specification and original claim 1 and accordingly that this amendment does nothing more than make explicit that which was implicit in the claim as originally presented.

Claims 2, 3 and 4 have been amended to correct minor language errors. It is respectfully submitted that, as should be apparent, these changes are not made for purposes of patentability.

Reconsideration of the application in view of the foregoing amendments and remarks is respectfully requested.

Claim 1 stands rejected under 35 U.S.C. §102(b) as being anticipated by Amantea et al. (U.S. Patent No. 6,441,590). Applicants respectfully traverse this rejection.

Amantea is directed to a two stage architecture for a monitor power supply which includes a converter having a primary, secondary and auxiliary windings. What is not disclosed in Amantea is a bias circuit for the controller as specified in Applicant’s claim 1. Further, since there is no disclosure of a bias circuit, there is obviously no disclosure of a bias circuit which includes the auxiliary winding. In view of the foregoing it is respectfully submitted that it is clear that Amantea does not anticipate claim 1 and, accordingly, that claim 1 is patentable over Amantea.

Claim 3 stands rejected under 35 U.S.C. §102(b) as being anticipated by Wittenbreder (U.S. Patent No. 6,822,427). Applicants respectfully traverse this rejection.

Claim 3 is directed to a flyback converter which, like claim 1, includes a bias circuit for the controller, which bias circuit includes an auxiliary winding of the transformer.

In contrast, Wittenbreder neither discloses a controller for the converter or a bias circuit for a controller let alone a bias circuit including the auxiliary winding. In view of the foregoing, it is respectfully submitted that claim 3 is clearly patentable over Wittenbreder.

Claims 2 and 4-6 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Amantea in combination with Matsumoto (U.S. Patent No. 6,130,826). Applicants respectfully traverse this rejection. Each of claims 2 and 4-6 include not only a bias circuit for a controller in

which the bias circuit includes the auxiliary winding of the transformer, but also an active clamp circuit for the reset of the transformer core in which the active clamp circuit includes the auxiliary winding of the transformer a second switch, and a capacitor connected in series with the second switch.

The deficiency of Amantea in not disclosing a primary bias circuit for a controller, let alone such a circuit which includes the auxiliary winding of the transformer, has been discussed above in connection with claim 1.

Matsumoto, although disclosing a control circuit, does not disclose any bias circuit for the control circuit let alone a bias circuit which includes the auxiliary winding.

In view of the foregoing it is respectfully submitted that claims 2 and 4-6 are clearly patentable over the combination of Amantea and Matsumoto.

In view of the foregoing this application is believed to be in condition for allowance, which action is respectfully requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 4, 2005

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